

DERWENT-ACC-NO: 2004-622269

DERWENT-WEEK: 200460

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TITLE: Weight training outfit

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PATENT-ASSIGNEE: KIM S I[KIMSI]

PRIORITY-DATA: 2002KR-0070939 (November 14, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
KR 2004042979 A	May 22, 2004	N/A
001 A63B 021/075		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
KR2004042979A	N/A	2002KR-0070939
November 14, 2002		

INT-CL (IPC): A63B021/075

ABSTRACTED-PUB-NO: KR2004042979A

BASIC-ABSTRACT:

NOVELTY - Provided is a weight training outfit in which a plurality of weights with a male screw portion and a female screw portion are simultaneously separated or combined to make it easy and fast to control the weight and in which an end of a bar is not projected on the outside of the weight.

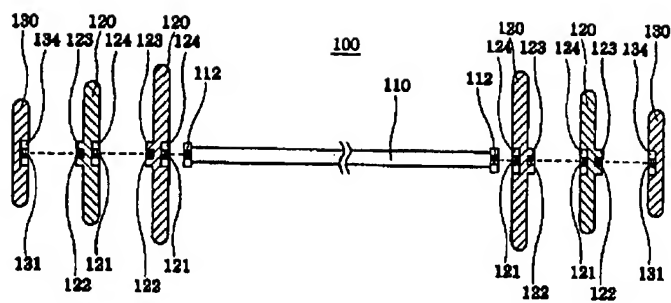
DETAILED DESCRIPTION - A barbell(100) comprises a bar(110) with a female screw portion(112) on the inside of both ends; a plurality of additional weights(120); and two fixed weights(130). Each additional weight(120) has a male screw portion(121) in a hole(124) formed in one side and a female screw portion(122) in a supporting projection(123) formed in the other

side. The  
supporting projection(123) bears the weight of the additional  
weight(120),  
together with the male screw portion(121); and guides to combine with  
the  
additional weight(120) for an easy combination.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: WEIGHT TRAINING OUTFIT

DERWENT-CLASS: P36



## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S37	149	(248/364).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 10:35
S38	2351	((482/93) or (482/94) or (482/97) or (482/106-109) or (473/256) or (473/437) or (D21/681) or (403/262)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/03 10:37
S39	23284	"482"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/16 18:42
S41	2767	S39 and flange	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/16 18:58
S42	15	482/39-40.ccls. and flange	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/16 18:59
S43	281	S39 and (flange SAME (recess or depression))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/16 19:02
S44	147	S43 not S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/16 19:03
S46	0	S45 not S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/16 19:43

## EAST Search History

S40	134	S39 and (flange WITH (recess or depression))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/16 19:43
S45	126	S39 and (flange WITH (recesses))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/16 19:44
S47	4	"2004042979"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/16 20:31